



a **different** kind of
oil & natural gas
company

LINN Energy

NASDAQ:LINE • NASDAQ:LNCO

**PAPA Annual Meeting
February 2014**

a **different** kind of
oil & natural gas
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LINN Energy's mission is to **acquire, develop and maximize cash flow** from a growing portfolio of long-life oil and natural gas assets.

Embrace & Drive Change

Pursue Growth

Take Action

Respect Others

Be Passionate

Connect

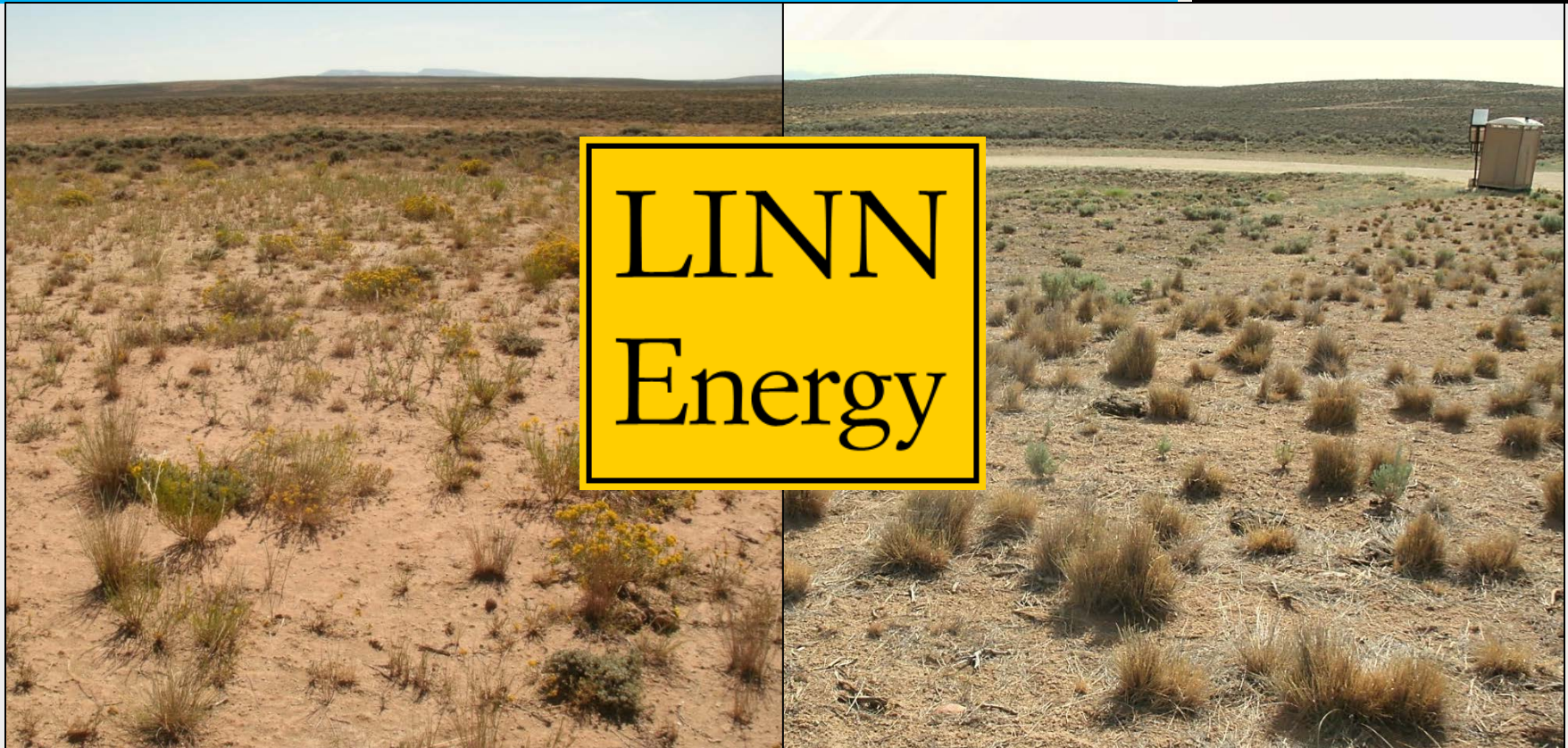
- 2013 Drilling & Completions Activities
 - *There was no new construction in 2013.*
 - *There were no wells drilled or completed.*
- 2014 Drilling & Completions Activities
 - *There is no planned construction in 2014.*
 - *There are no plans to drill or complete new wells.*
- LGS Equivalent
 - *Currently have 10 wells connected to the LGS.*
 - *Produced water is transported to NFX WDW #1 from Antelope CTB via pipeline.*
 - *System is expandable to connect future well sites.*
 - *A contract was entered into to electrify the LGS and NFX WDW #1.*
 - *Rocky Mountain Power has started construction and completion is expected this March.*

■ 2013 Water Use & Disposal

- *328,321 bbls of produced water from 31 producing wells was disposed of in the NFX WDW #1 salt water disposal well.*
- *There was a total of ~96,000 bbls of fresh water used from water wells in DA-5 for various completions activities.*

■ 2014 Water Use & Disposal Projections

- *LINN plans to dispose of similar produced water amounts as 2013.*
- *Fresh water from water wells in DA-5 may be utilized for workover activities in 2014.*



Reclamation of Anticline Assets

- LINN Energy is in control of 23 Anticline Pads.
- These assets have been under the ownership of LINN Energy for the past 1 year.
- Prior to this, the wells were owned by Newfield Energy.



- Each year locations are qualitatively monitored and future reclamation actions are recommended.
- All locations are also quantitatively monitored, collecting species lists, basal cover, and shrub and forb density and frequency both on and off site.
- Spatial data is maintained and updated infield as needed.
- Photos are taken within the reclamation area and the reference area for a visual comparison.

- Seeding
 - *Early: consisting of mostly grasses and a few forbs*
 - *Late: consisting of mostly forbs and shrubs with a few grasses*
- Weed control
 - *Spot or full spray within the reclamation area*
 - *Bare ground spray within the long-term disturbance area*
- Soil Amending
 - *Liquid amendments*
 - *Solid amendments*
- Vegetation Monitoring
- Within these collected attributes, CSR changes the reclamation plan to fit the ever changing need of a sites year to year.
- CSR reclamation plans are adaptive, ever changing and tailored to the needs of each site.

Rainbow 5-31 Pad

2010



2013



Pinedale/Anticline

- 1 infrastructure has not met interim status
- Interim reclamation initiated on 21 Well Pads within PADMS
- 1 Site is in Interim Reclamation Full Development

PADMS Surface Disturbance

- Total surface disturbance 127.77 acres
- Total acres in reclamation 94.60
- 6.06 acres in Interim Reclamation Full Development

Reasons For Low Success Rates

- Harsh weather conditions and low precipitation
 - Late Shrubs & Forbs seeding occurred during drought years
 - (2 locations reseeded with Shrubs & Forbs in the Fall)
- Several sites developed without pre-disturbance monitoring
 - Therefore no baseline data is available



Locations Reseeded in 2013

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Well Name	Topsoil Storage	Seeding Method	Date Seeded	Seed Mix	Main Forbs and Shrubs List	Pounds Per Acre
Rainbow 15-29	None	Drill	11/18/2013	Sagebrush-dominated w/ Sandy Soils	winterfat, four-wing Saltbush, Wyoming big sagebrush, scarlet globemallow, Lewis blue flax, Indian ricegrass, bottlebrush squirreltail, western wheatgrass, early Indian paintbrush, Rocky Mountain beeplant	17
Antelope 6-4	None	Drill	9/20/2013	Sagebrush-dominated w/ Sandy Soils	winterfat, four-wing Saltbush, Wyoming big sagebrush, scarlet globemallow, Lewis blue flax, Indian ricegrass, bottlebrush squirreltail, western wheatgrass, early Indian paintbrush, Rocky Mountain beeplant	17.55

Soil Amendment Applications 2013

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Soil Amendment	Date of Application	Soil Amendment Type
Jonah WDW	5/23/2013	humic and fulvic acid
Antelope 4-15	5/23/2013	humic and fulvic acid
Antelope 5-4	5/23/2013	humic and fulvic acid
Rainbow 15-31	5/23/2013	humic and fulvic acid
Rainbow 9-31	5/23/2013	humic and fulvic acid
Antelope 6-4	5/23/2013	humic and fulvic acid

- All vegetation and spatial data has been collected, maintained, and provided by Conservation Seeding and Restoration, Inc.



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